ELEMENT™

user manual

19” LCD TV

FLW-1920B

This product contains electrical or electronic materials. The presence of these materials may, if not disposed of properly, have potential adverse effects on the environment and human health. Presence of this label on the product means it should not be disposed of as unsorted waste and must be collected separately. As a consumer, you are responsible for ensuring that this product is disposed of properly. To find out how to properly dispose of this product, please go to www.Elementelectronics.com and click on “Company“ or call the customer service number for your country listed in the instruction manual.

DOLBY DIGITAL

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HDMI™

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology.
HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Federal Communications Commission Statement

This equipment has been tested and found to comply with the limits of a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient/Relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit which is different from what the receiver is connected to.
4. Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the manufacturer responsible for compliance could void the user authority to operate the equipment.

Warnings and Precautions

To prevent any injuries, the following safety precautions should be observed in the installation, use, servicing and maintenance of this equipment.
Before operating this equipment, please read this manual completely, and keep it nearby for future reference.

WARNING	This symbol is intended to alert the user to avoid the risk of electric shock. This equipment must not be disassembled by anyone except qualified service personnel.
CAUTION	This symbol is intended to alert the user to the presence of important operating and maintenance instructions in the literature accompanying the appliance.

To reduce the risk of fire or electric shock, do not expose this equipment to rain or moisture.

- TO REDUCE THE RISK OF ELECTRIC SHOCK,
- DO NOT REMOVE COVER (OR BACK).
- NO USER-SERVICEABLE PARTS INSIDE.
- REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Important Safety Instructions

	This symbol indicates caution points.
	This symbol indicates actions that should not be done.
	This symbol indicates actions that must be performed.

- Do not place the equipment on any uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injury to children or adults and serious damage to the equipment itself.

- Use only a cart or stand recommended by the manufacturer. This equipment and recommended cart or stand should be handled with care. Quick stops, excessive force, and uneven surfaces may cause the equipment and cart/stand to overturn.

- Do not disable the 3-wire grounding type plug. The grounding pin on the 3-prong plug is an important feature. Removing the grounding pin will increase the risk of damaging the equipment.
- If you can not fit the plug into the electrical outlet, contact an electrician to install a grounding outlet.
- Always operate this equipment from the type of power source indicated on the rear of the serial/model plate.
- Never overload wall outlets and extensions.

- Use and handle the power cord with care. Do not place any heavy objects on the AC power cord.
- Do not pull the AC power cord. Do not handle the AC power cord with a wet hand.
- Do not touch the power cord and antenna cable during lightning.
- Remove the plug from the wall outlet, if the equipment will not be used for a long period of time.
- Do not place, use or handle this equipment near water.
- Never expose the equipment to liquid, rain, or moisture.
  Seek for service if any of the above is spilled into the equipment.
- Do not expose the equipment to extreme temperature or to direct sunlight, as the equipment may heat up and suffer damage.
- Do not install the equipment near any heat sources such as radiators, heat registers, stoves, or any other apparatus that might produce heat.
- Do not attempt to service the equipment yourself.
- Opening and removing the covers may expose you to dangerous voltage or other hazards and may void your warranty. Refer service to qualified personnel.
- Do not place or drop any other objects on top.
- Do not insert anything into the ventilation holes of your equipment.
  Inserting any metal or flammable objects may result to fire or electric shock.
- Protect the power cord from being walked on or pinchrd particularly at plugs ,convenience receptacles, and the point where they exit from the apparatus.
- Do not place the equipment on uneven or unstable carts, stands, tables, shelves etc. The equipment may fall, causing serious injury to children or adults and serious damage to the equipment itself.
  Always place the equipment on the floor or on a surface that is sturdy, level, stable and strong enough to support the weight of the equipment.
- Do not block any ventilating openings. Leave an open space around the equipment.
  Never place the equipment :
  on a bed, sofa, rug, or any other similar surfaces; too close to drapes/curtains/walls, in a bookcase, built-in cabinet, or any other similar places that may cause poor ventilation.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.

- Always remove the power cord from the outlet before cleaning the equipment.
- Never use liquid or aerosol cleaners on the equipment.
  Clean only with a soft dry cloth.

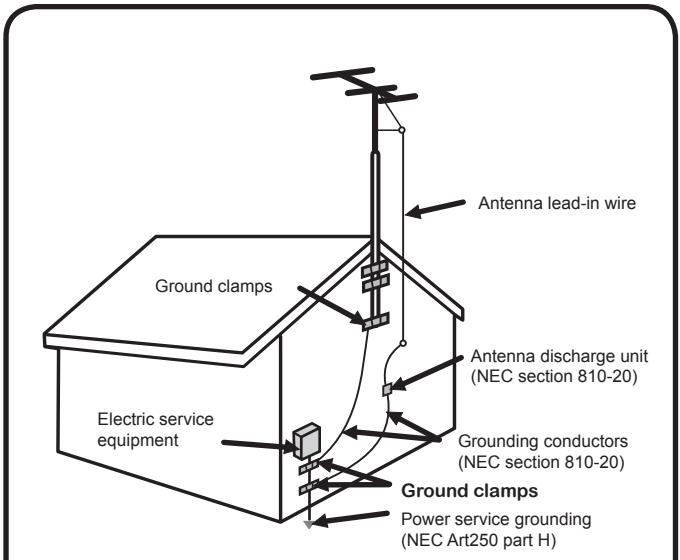
- Only use attachments/accessories specified by the manufacturer.

Antenna Safety Instructions

If an outdoor antenna is connected, follow the precautions below:

- An outdoor antenna should not be located in any area where it could come in contact with overhead power lines, or any other electric light or power circuits.
- When installing an outdoor antenna system, extreme caution should be taken to prevent contact with power lines. Direct contact with power lines may be fatal and should be avoided at all costs.

Section 810 of National Electrical Code (NEC) provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



NEC : National Electrical code

EXAMPLE OF OUTDOOR ANTENNA GROUNDING

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Chapter 1
Introducing the LCD TV

Key Features

Various Audio/Video terminals for external equipment connection

- 1 composite VIDEO input terminal
- 1 S-VIDEO terminals
- 1 sets of component Video input terminals
- 1 VGA/PC AUDIO input terminals
- 1 HDMI input terminal
- 1 set of Audio(L/R) output terminals for composite C-VIDEO/S-VIDEO
- 1 COAXIAL output terminal
- 1 Headphone terminal

The built-in TV tuner to receive HD ATSC

- This function allows the reception of HD broadcasting without the addition of a set top box.

High Definition Multimedia Interface (HDMI)

- High Definition Multimedia Interface (HDMI) is a small, user-friendly interconnect that can carry up to 5 Gbps of combined video and audio in a single cable. This system eliminates the cost, complexity and confusion of multiple cables used to connect current A/V systems.

HDTV Component Video Inputs

- Offers the best video quality for DVD(1080i, 720p) and digital set-top-box (1080i, 720p) connections.

2D Digital Noise Reduction

- This function can digitally reduce image noise to provide better picture quality.

Film-Mode Detection

- This function can automatically detect content derived from film and adjust the interlacer's frame matching to provide a more natural-looking, clearer image of the moving picture.

Package Contents

Make sure all of the following contents are included.

☑ LCD TV

Your TV may look different from the one pictured above.

☑ Remote Control/
AAA Batteries x 2

☑ Power Cord

☑ User's Manual

☑ Quick Start Guide

☑ Warranty Card

These items are all you need to set up and operate the LCD TV in its basic configuration.

Make sure all of the above contents are included in the package. If you are missing any items, please contact the Element customer service department.

Setting Up Your LCD TV

How to install the TV Stand

Follow the instructions below to install the TV stand:

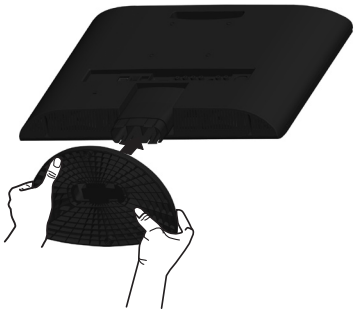
1. Open the box, and make sure all necessary parts are in the box. The package contains:

LCD TV

Stand

2. Cover an even stable surface with a soft cloth. Place the LCD TV unit face-down on the cloth. Fit the stand onto the bottom of the LCD TV unit as shown:

3. Then push until stand into the LCD TV's stand socket.



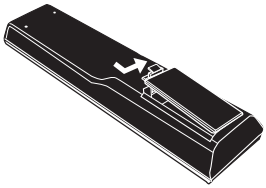
How to setup the TV

1. Use a supplied antenna cable to connect the VHF/UHF signal to the LCD TV's ANT. terminal (refer to page 15-18).

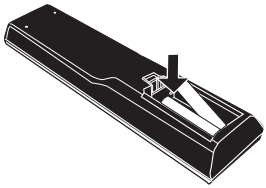
2. Connect the AC power cord at the back of the TV and connect the power cord to wall outlet.

3. Insert the 2 batteries supplied in remote control.

Step1 Slide the back cover up to open the battery compartment of the remote control.



Step2 Insert two AAA size batteries. Make sure to match the (+) and (-) ends of the batteries with the (+) and (-) ends indicated in the battery compartment. Slide the cover back into place.

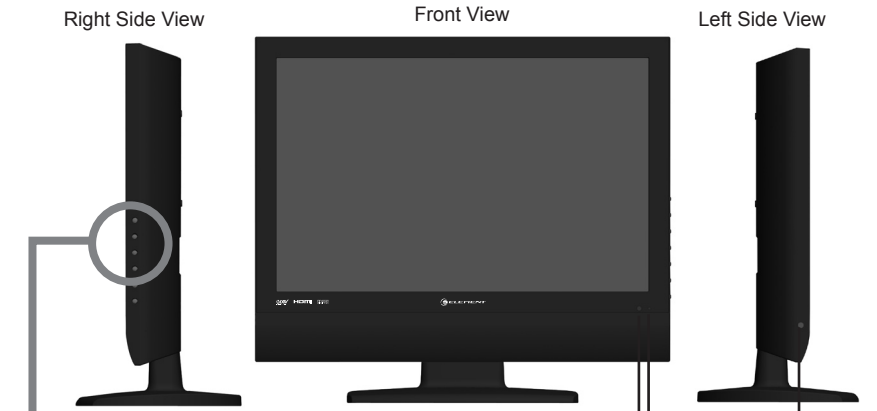


Do not use caustic cleaners (porcelain, stainless steel, toilet, or oven cleaner etc.) on the remote, as it may suffer damage.

4. Connect other an external AV device (refer to page 19-25).

Your LCD TV

Front/Left /Right Side View and Controls



IR
Infrared Receiver

LED
The LED light indicates when the LCD TV is activated.

HEADPHONE
Connects to the external headphone for private listening.

VOL.+

VOL.-

VOL.+/-
Adjusts the volume up and down.
Selects the main-menu item and change values for items when in the OSD mode.

CH.▲

CH.▼

CH.▲▼
Scans up and down through channels.
Selects sub-menu item when in the OSD mode.

MENU

MENU
Press once to display the OSD (on screen display), press again to turn the OSD off.

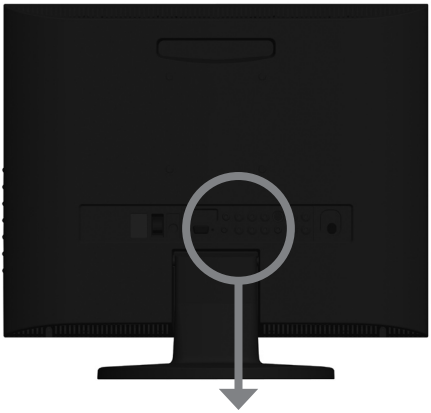
INPUT

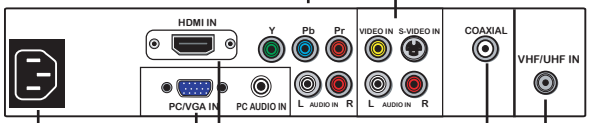
INPUT
Chooses from different input signal sources.

⏻

⏻
Turns the LCD TV on and into standby mode.

Rear View and Jacks





S-VIDEO/VIDEO/AUDIO(L/R) IN

Connects to the S-Video/Composite VIDEO and AUDIO(L/R) output jacks on external video equipment.

YPbPr/AUDIO(L/R) IN

Connects to the DVD player, Digital Set-Top-Box, or other AV equipment with component(YPbPr) video and audio output jacks.

AC IN

Connects to the AC power cord.

PC/VGA IN/ PC AUDIO IN

Connects the PC, or other AV equipment with VGA and AUDIO output jacks.

HDMI IN

Connects the all digital AV equipment with HDMI connector.HDMI supports enhanced, high-definition video and two-channel digital audio.

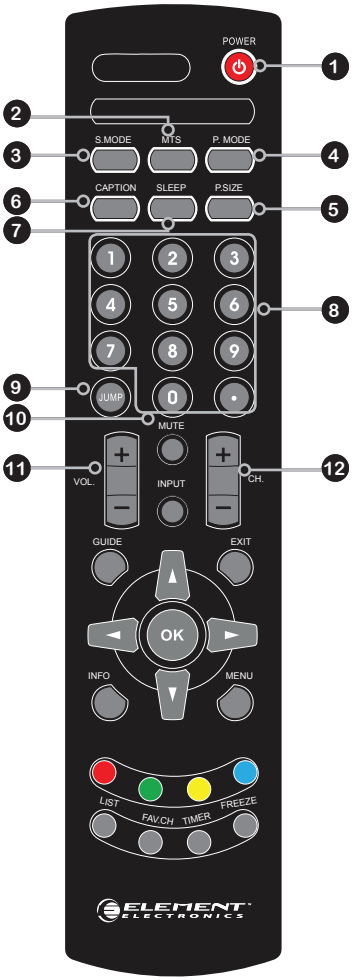
COAXIAL

Connects to the audio jack on the digital/standard 5.1 audio system.

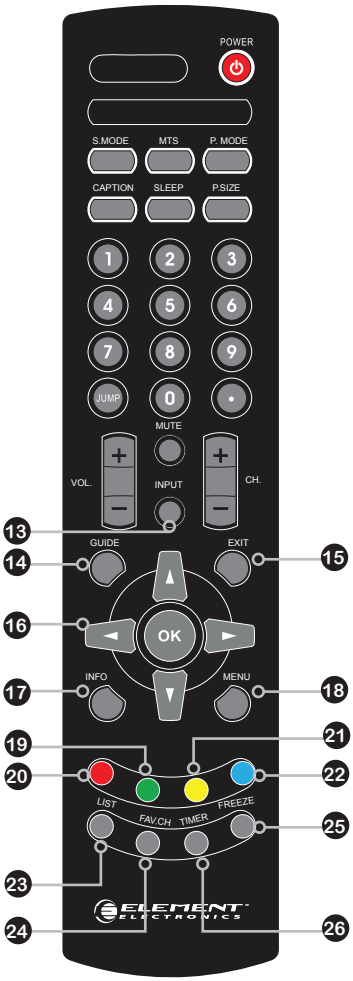
VHF/UHF IN

Connects RF input from VHF/UHF antenna or cable to receive high/standard definition television.

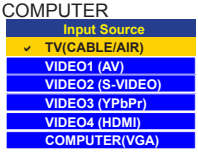
Your Remote Control



1	⏻	Turns the LCD TV on and off.
2	**MTS**	Cycles through the multi-channels TV sound(MTS) options: SAP/MONO/ STEREO
3	**S.MODE**	Selects sound effect options: Surround/ Live/Dance/Techno/Classic/Soft/Rock/ Pop/Off.
4	**P.MODE**	Selects picture mode: Vivid/Hi-Bright/ Cinema/Sport/User
5	**P.SIZE**	Cycles through Wide mode settings : NORMAL /FULL/WIDE/ZOOM
6	**CAPTION**	Cycles through the Closed Caption: ▪ Anlalog Closed Caption:CC1/CC2/ CC3/CC4/TT1/TT2/TT3/TT4/Off ▪ Digital Closed Caption:Service1/ Service2/Service3/Service4/Service5/ Service6/Off
7	**SLEEP**	Cycles through the LCD TV sleep timer: OFF/10/20/30/40/50/60/90/120 mins
8	**0-9**	Select and switch to a channel by using 0-9 buttons.
	•	In HDTV mode, use with 0-9 and • buttons to select a digital channels.
9	**JUMP**	Returns to previously selected channel.
10	**MUTE**	Mutes and restores the audio
11	**VOL.+-**	Increases and decreases volume.
12	**CH.+-**	Scans up and down the channels



13 INPUT Pressing **INPUT** display the source list, use ▲▼ to select the video equipment connected to the video inputs of your LCD TV : TV/HDTV/VIDEO1/VIDEO2/ VIDEO3/VIDEO4/VIDEO5/VIDEO6/ COMPUTER



14 GUIDE Displays the Program Guide on the screen. Pressing again to turn GUIDE off.

15 EXIT Exits the OSD menu.

16 ▲▼►◄ OK Cycles through OSD options and selects individual menu items. **OK** confirms option settings.

17 INFO Pressing repeatedly displays a variety of information such as the current channel and the input source.

18 MENU Displays the OSD menu on the screen.

19 GREEN In Program Guide, press to select first program of next day.

20 RED In Program Guide, press to select first program of previous day.

21 YELLOW In Program Guide, press to view previous page of detailed program description.

22 BLUE In Program Guide, press to view next page of detailed program description.

23 LIST Displays the received channel list

24 FAV.CH Pressing **FAV.CH** display favorite channels.

25 FREEZE In TV mode, pressing **FREEZE** to freeze the current picture, press again to restore the picture.

26 TIMER Displays the current time on the screen.

Effective range:
The remote can control the LCD TV from up to 5m away, if pointed directly at the receiver.

Chapter 2
Installing the LCD TV

Refer to the owner's manual of any external equipment to be connected.
When connecting any external equipment, do not connect any AC power cords to wall outlets until all other connections are completed.

Connecting a TV Cable or an Antenna

Antenna Connection

The antenna requirements for good color TV reception are more important than those for a black & white TV reception. For this reason, a good quality outdoor antenna is strongly recommended.
The following is a brief explanation of the type of connection that is provided with the various antenna systems.

- **A 75-ohm system is generally a round cable (not included) with F-type connector that can easily be attached to a terminal without tools.**

F-type connector

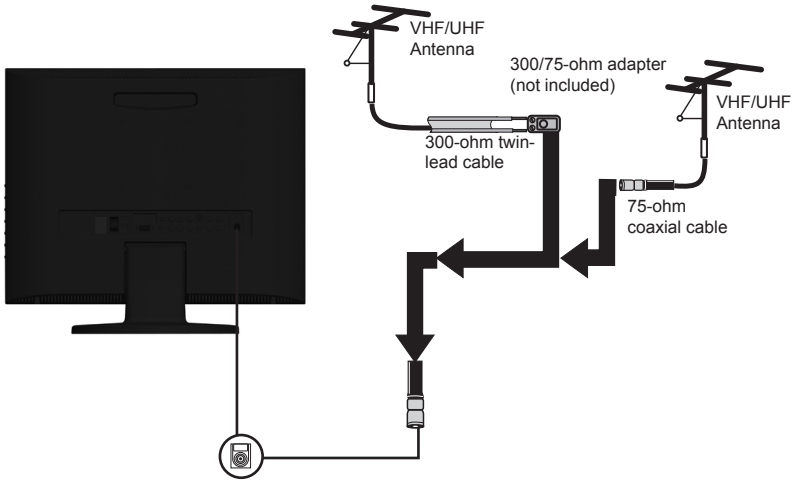
75-ohm coaxial cable (round)

- **A 300-ohm system is a flat twin-lead cable (not included) that can be attached to a 75-ohm terminal through a 300-75-ohm adapter (not included).**

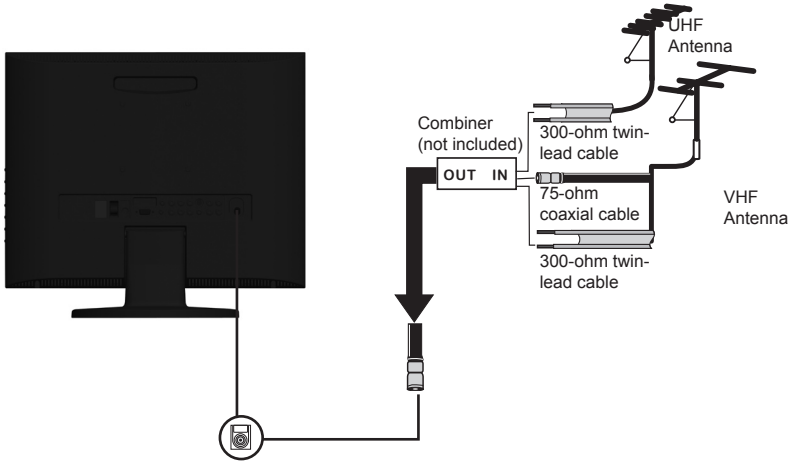
300-ohm twin-lead cable (flat)

Use one of the following two diagrams when connecting an outdoor antenna.
A: Shows how to use a VHF/UHF combination outdoor antenna.
B: Shows how to use a separate VHF and/or UHF outdoor antenna.

A. Combination VHF/UHF antenna



B. Separate VHF and/or UHF antennas

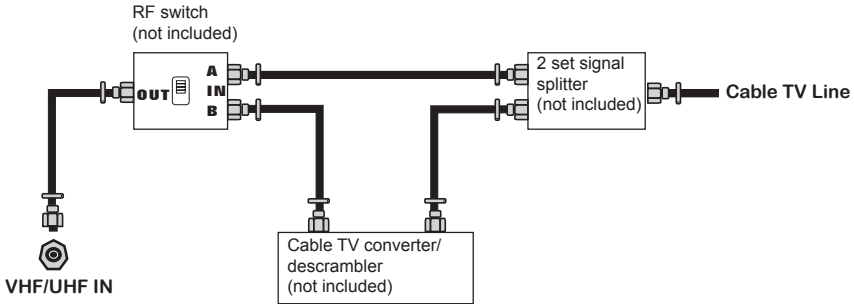


Cable TV (CATV) Connection

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the National Electrical Code (NEC) that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building accurately, or as close to the point of cable entry as possible. Use of this TV for other than private viewing of programs broadcasted on UHF, VHF or transmitted by cable companies for the use of the general public may require authorization from the broadcast/cable company, and/or program owner.

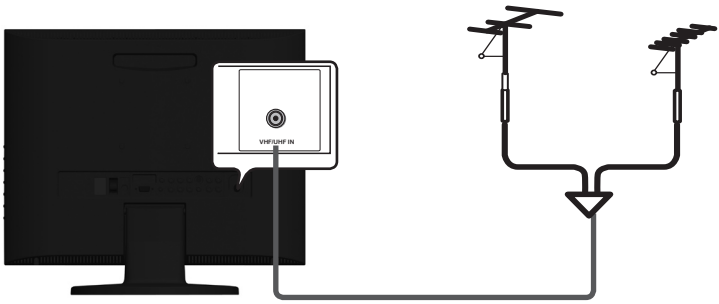
- **A 75-ohm coaxial cable connector is built into the set for easy hookup. When connecting the 75-ohm coaxial cable to the set, connect the 75-ohm cable into the ANT. terminal.**
- **Some cable TV companies offer premium pay channels. Since the signals of these premium pay channels are scrambled, a cable TV converter/descrambler is generally provided to the subscriber by the cable TV company.**

This converter/descrambler is necessary for normal viewing of scrambled channels.
(Set your TV to channel 3 or 4, typically one of these channels is used. If this is unknown, consult your cable TV company.)
For more specific instructions on installing cable TV, consult your cable TV company.
One possible method of connecting the converter/descrambler provided by your cable TV company is shown in the diagram below.

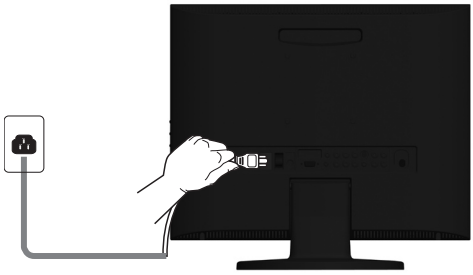


- **The RF switch (not included) is required to provide two inputs (A and B). Setting the RF switch to position A allows viewing of all unscrambled channels by using the TV channel keys.**
- **Setting the RF switch to position B allows viewing of all scrambled channels via the converter/descrambler by using the converter channel keys.**

❶ Use a supplied antenna cable to connect the TV signal to the LCD TV's TV CABLE terminal.



❷ Connect the AC power cord at the back of the TV and connect the power cord to wall outlet.

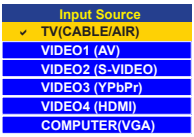


❸ Press the ⏻ button on the remote to turn on the LCD TV.

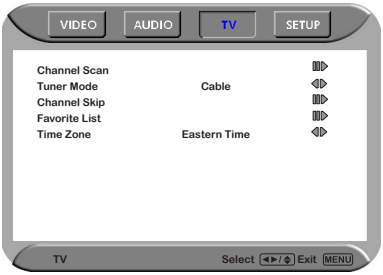
Always disconnect the LCD TV from the main voltage when the LCD TV will not be used for a long period of time. The POWER button on the front panel is only used for switching the LCD TV into standby, it does not disconnect the device from the main voltage. To completely disconnect the main voltage, please remove the power plug from the socket.

❸ Press the ⏻ button on the remote to turn on the LCD TV.

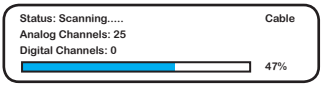
❹ Press the **Input** button on the remote to display the Input List. Use the ▲▼ buttons to select **TV** and press the **OK** button.



❺ Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **TV**.

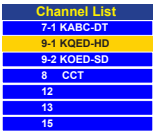


❻ Press the ▼ button to select **Channel Scan**, and press the **OK** button.
The **Channel Scan** automatically creates a list of receivable channels. Press the **MENU** button at any time to interrupt the memorization process.(the list cannot be created if interrupted)



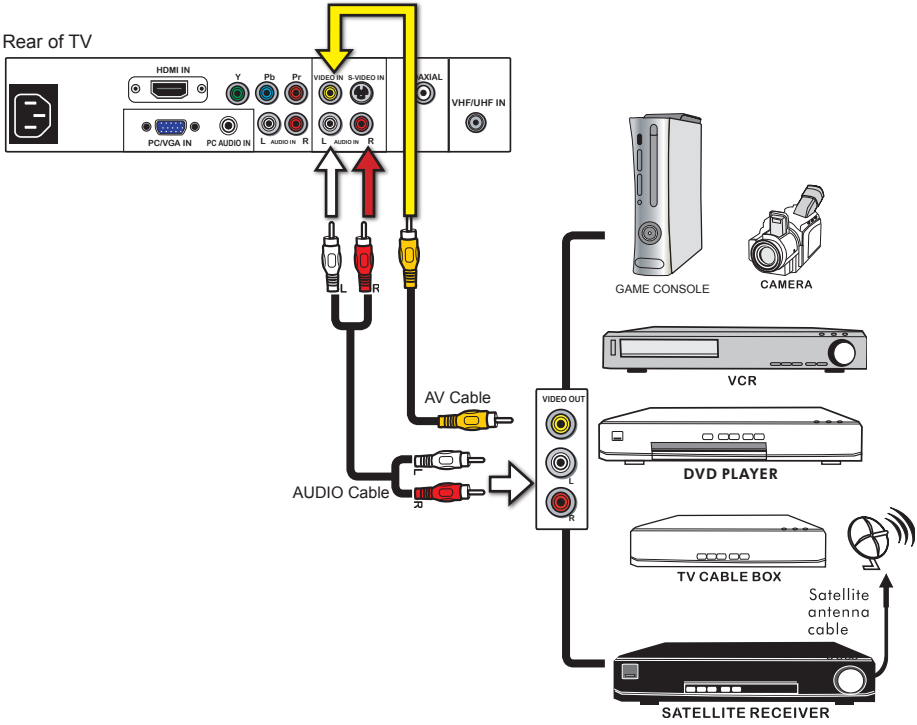
The Channel Scanning will create a list of receivable channels for the current input (antenna or cable). You will be required to run Channel Scanning for each RF input to create a list of available channels from both inputs.

❼ Press the **OK** button to display the received channel list, then press ▲▼ to select a channel. Or, use the ▪ with **0-9** buttons to select digital channel(for example 9.1)



The digital main channel might include many subchannels (for example 9-1, 9-2..) that are showing program at the same time.

Connecting an A/V Device with Composite Connector



1. Use a composite cable to connect the external A/V device's composite video/audio jacks to the LCD TV's VIDEO IN jacks.

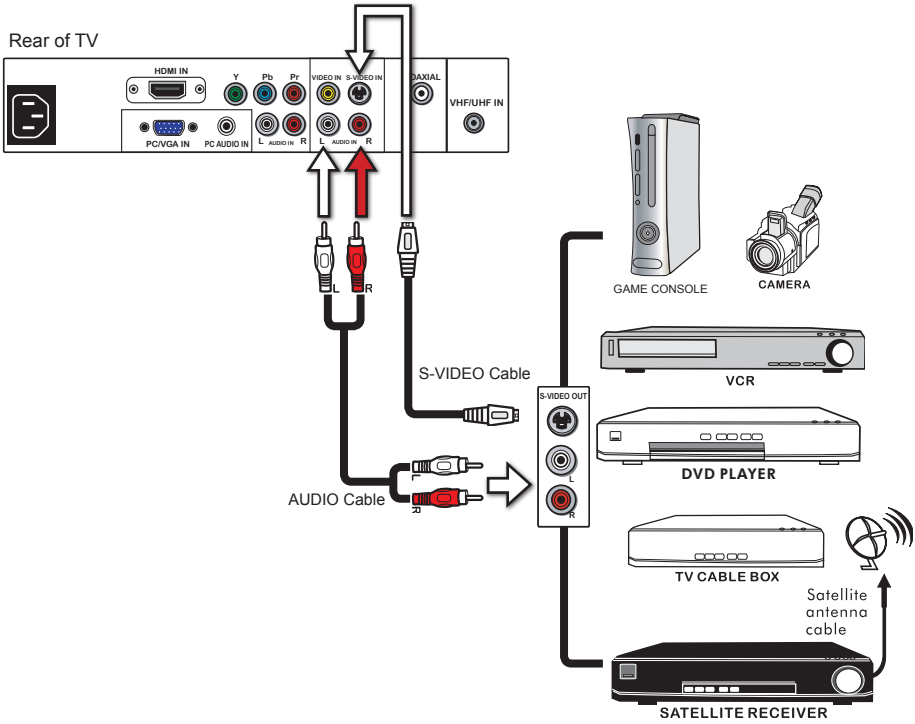
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To view the A/V device's with component input, press the **INPUT** button on the remote to select **VIDEO1**.

Not all A/V devices have the ability to connect to a TV. Please check your A/V devices user guide for compatibility.

Connecting an A/V Device with S-Video Connector



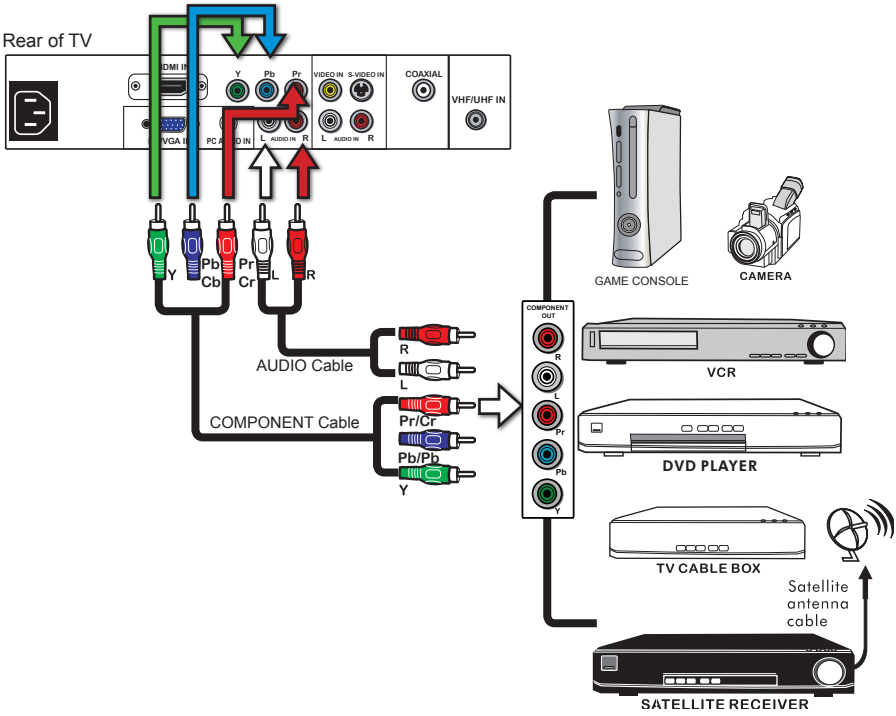
1. Use an audio cable to connect the external A/V device's audio output jacks to the LCD TV's audio inputs. Use a S-Video cable to connect the external A/V device's S-Video output jack to the LCD TV's S-Video IN input jack.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To view the A/V device's with component input, press the **INPUT** button on the remote repeatedly to select **VIDEO2**.

Connecting an A/V Device with Component(YPbPr) Connector



Not all A/V device have the ability to connect to a TV. Please check your A/V device user guide for compatibility.

1. Use a component cable to connect the external A/V device's component output jacks to the LCD TV's YPbPr IN input jacks.
   Use an audio cable to connect the external A/V device's component audio jacks to the LCD TV's audio input jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

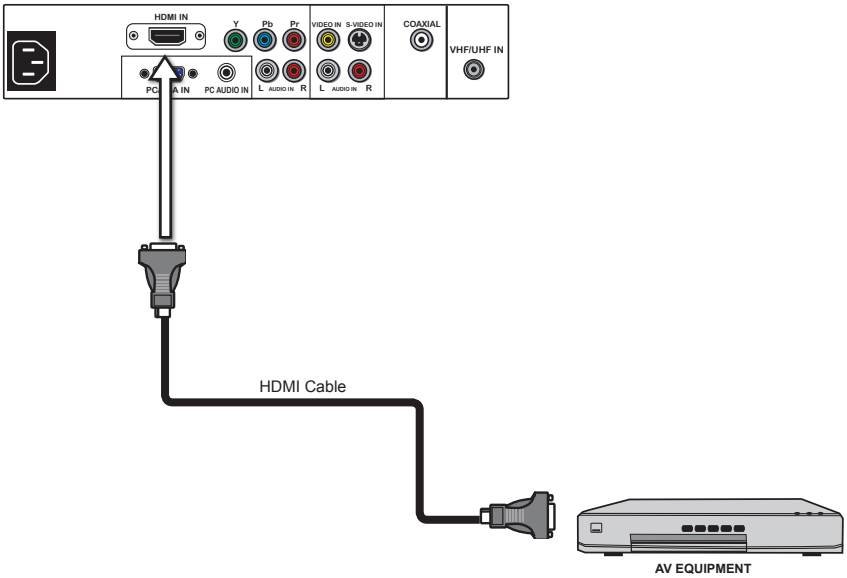
3. Press the ⏻ button on the remote to turn on the LCD TV.

4. To view the A/V device's with component input, press the **INPUT** button on the remote repeatedly to select **VIDEO3**.

The component video jacks on your A/V device are sometimes labeled YPbPr, or YCbCr. For an explanation of component video, see your A/V device's user guide.

Connecting an AV Equipment with HDMI Connector

Rear of TV

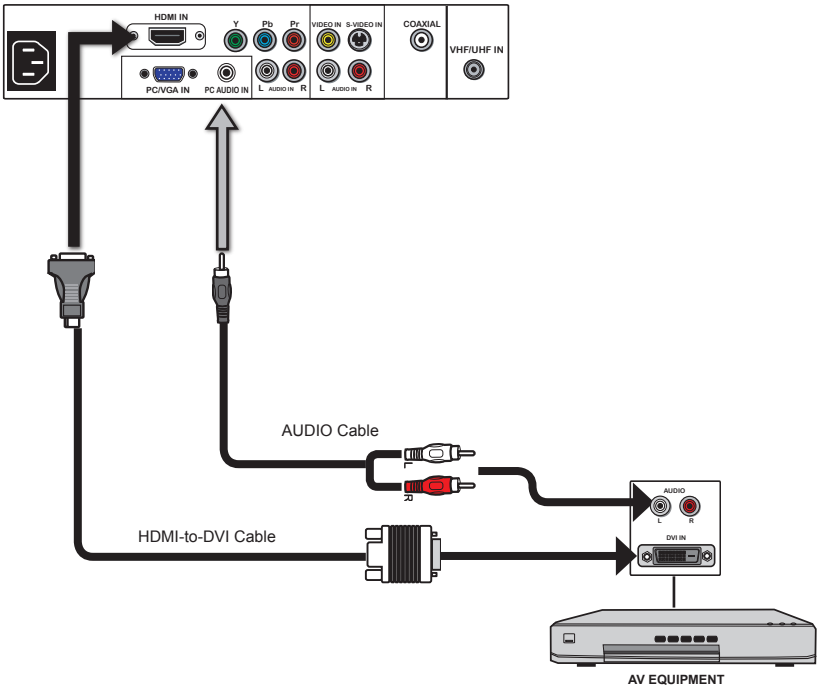


1. Use a HDMI cable to connect the AV equipment's HDMI output jack to the LCD TV's HDMI IN jacks.
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.
3. Press the ⏻ button on the remote to turn on the LCD TV.
4. Press the **Input** button on the remote to select **VIDEO4**.

The HDMI connector provides both video and audio signals, it's not necessary to connect the audio cable.

Connecting an AV Equipment with DVI Connector

Rear of TV



1. Use a HDMI-to-DVI cable to connect the AV equipment's DVI output jack to the LCD TV's HDMI IN jacks.
   Use an audio cable to connect the AV equipment's audio output jacks to LCD TV's HDMI AUDIO jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

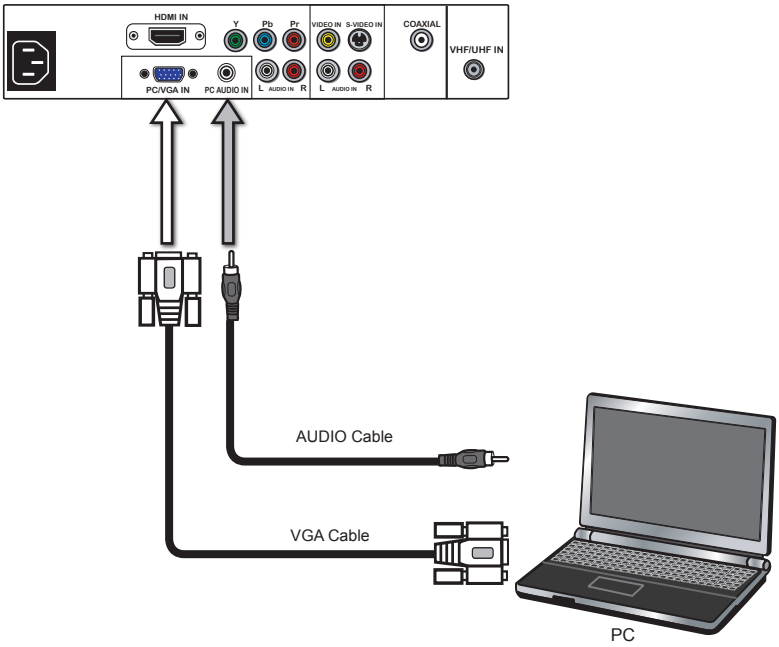
3. Press the ⏻ button on the remote to turn on the LCD TV.

4. Press the **Input** button on the remote to select **VIDEO4**.

If the LCD TV is connected to AV equipment's DVI connector, you will need an HDMI-to-DVI cable or an HDMI adapter(not supplied) and an audio cable.

Connecting a PC

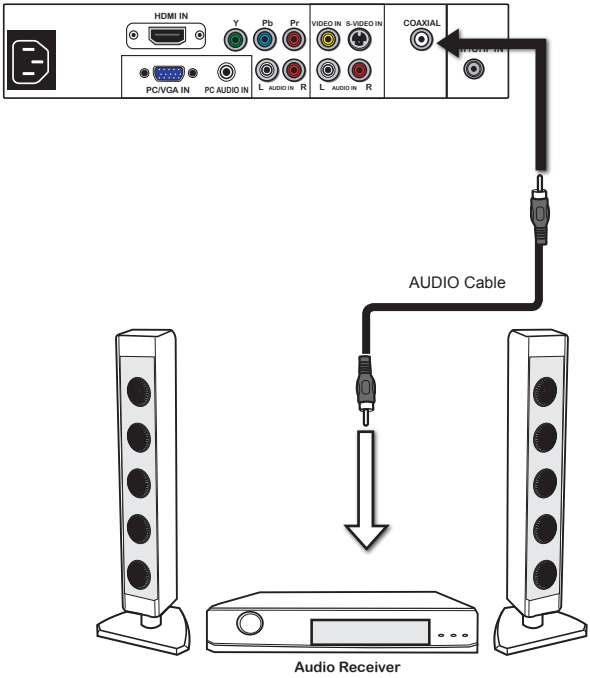
Rear of TV



1. Use a D-SUB cable to connect the PC's D-SUB output jack to the LCD TV's VGA input jack. Use an audio cable to connect the PC's audio output jacks to LCD TV's.
2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.
3. Press the ⏻ button on the remote to turn on the LCD TV.
4. Press the **INPUT** button on the remote to select **COMPUTER**.

Connecting an Audio Receiver or a Dolby Digital 5.1 Sound System

For better sound quality, you may want to play the LCD monitor audio through your stereo system.



1. Use an audio cable to connect the audio receiver's audio LINE IN jacks to LCD TV's COAXIAL jacks.

2. Connect all AC power sources, before turning on the power switch of the LCD TV or other connected equipment.

3. Press the ⏻ button on the remote to turn on the LCD TV.

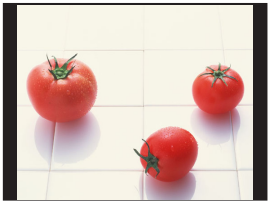
Chapter 3
USING THE FEATURES

Wide Screen Viewing

Wide Screen function allows viewing of 4:3/16:9 images in wide screen mode, cycling through the following wide screen settings. Press the **P.SIZE** button repeatedly to select the screen format you want.

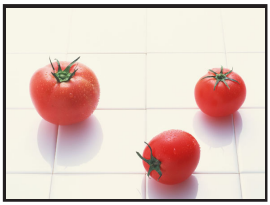
❶ **NORMAL**

Displays at 4:3 aspect ratio



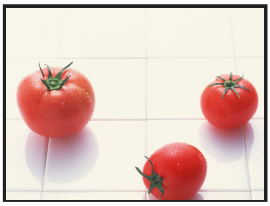
❷ **FULL**

Stretches the image vertically and horizontally to keeps the image size consistent in the center of the screen and stretches the sides



❸ **WIDE**

Stretches the image vertically and horizontally to fill the screen at 1:1.85 aspect ratio



Using the Program Guide

The Program Guide feature brings all sorts of information to your screen, such as program title, program duration, time remaining, rating information, closed caption, availability, etc.

1. With the LCD TV connected to a television programming source, press the **INPUT** button on the remote control and use the ▲▼ buttons to select **TV** and press the **OK** button.

2. Press the **GUIDE** button on the remote control, the Program Guide will appear on the screen:

Monday 15 January 2007 2:36:26 PM
3-1
7-2 KQED-SD
7-2
Today 7:00 PM EYEWITHNESS NEWS 4PM cc
Today 7:30 PM ABC WORLD NEWS cc
Today 9:30 PM ABC'S MONDAY NIGHT FOOTBALL cc
Tomorrow 12:30 AM SPORTSZONE cc
5:00 PM - 5:30 PM Mon, 20 Jan.
TV-PG
EYEWITHNESS NEWS

3. Press the ◄► button to select the channel.

4. Press the ▲▼ button to select the program from a list, the Program Guide provides introduction about the current program being shown on each channel.
The Program information in the guide is provided by the broadcasters. It may sometimes include only the channel number, without a program title or description.

Monday 15 January 2007 2:36:26 PM
3-1
7-2 KQED-SD
7-2
Today 7:00 PM EYEWITHNESS NEWS 4PM cc
Today 7:30 PM ABC WORLD NEWS cc
Today 9:30 PM ABC'S MONDAY NIGHT FOOTBALL cc
Tomorrow 12:30 AM SPORTSZONE cc
5:00 PM - 5:30 PM Mon, 20 Jan.
TV-PG
EYEWITHNESS NEWS

5. Press the **GUIDE** button again on the remote control to exit the Program Guide.

Operating the Menu

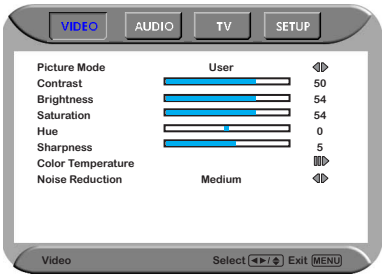
1. Press the ⏻ button to turn the LCD TV on.

2. Press the **MENU** button on the remote control, the on-screen menu will appear on the screen. Use the ◄► buttons to select your main menu option.

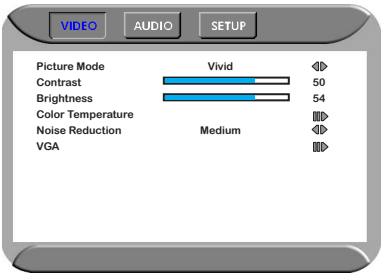
VIDEO MENU:

Allows you to make adjustments to your picture settings.

- If the signal source is TV/VIDEO/S-VIDEO/YPbPr/ HDMI, the VIDEO MENU appears as:



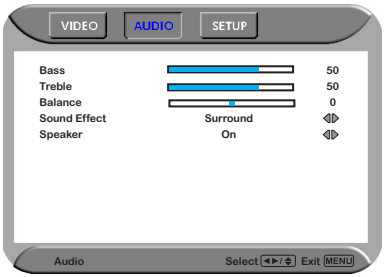
- If the signal source is VGA, the VIDEO MENU appears as:



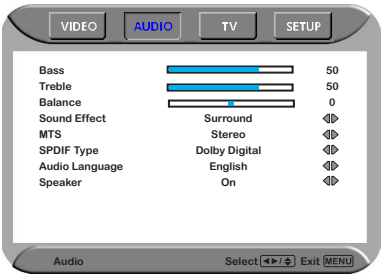
AUDIO MENU:

Allows you to customize the audio options and effects.

- If the signal source is VIDEO/S-VIDEO/YPbPr/ HDMI/VGA, the AUDIO MENU appears as:

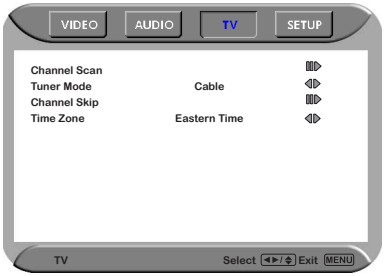


- If the signal source is TV, the AUDIO MENU appears as:



TV MENU:

Allows you to edit and label channels.

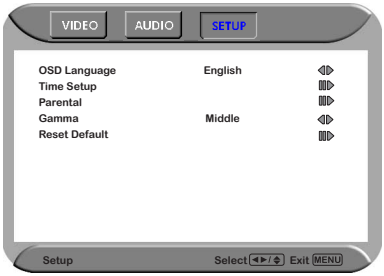


SETUP MENU:

Allows you to set up a variety of features: Language, Closed Caption, factory reset, Parental Control sleep timer.

- If the signal source is TV/VIDEO/S-VIDEO/YPbPr, the SETUP MENU appears as:

- If the signal source is HDMI/VGA, the SETUP MENU appears as:



3. Use the ▲▼ buttons to highlight the option of the sub-menu, and press the **OK** button. While in adjustment mode, and use the ◄► buttons to change the value of the item.

4. Press the **EXIT** button to exit the menu.

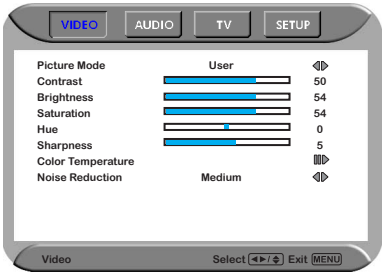
Customizing the VIDEO Settings

1. Press the ⏻ button to turn the LCD TV on.

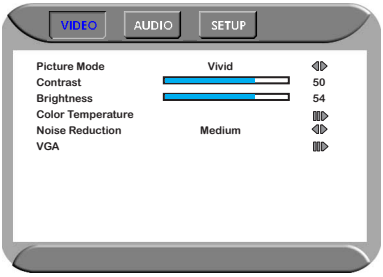
2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **VIDEO**.

3. Use the ▲▼buttons to highlight an individual VIDEO option, use the ◄► buttons to change the setting, and press the **MENU** to exit the menu

- If the signal source is TV/VIDEO/S-VIDEO/YPbPr/ HDMI, the VIDEO MENU appears as:



- If the signal source is VGA, the VIDEO MENU appears as:



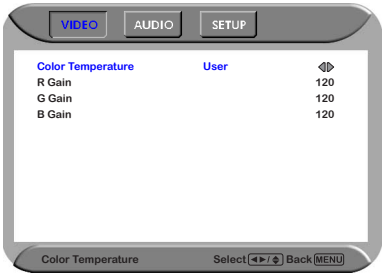
4. **The VIDEO menu includes the following options:**

Picture Mode	Cycles among display types: Vivid/Hi-Bright/Cinema/Sport/User
Contrast	Controls the difference between the brightest and darkest regions of the picture
Brightness	Controls the overall brightness of the picture
Saturation	Controls the color intensity
Hue	Controls the difference between the green and red regions of the picture
Sharpness	Increase this setting to see crisp edges in the picture; decrease it for soft edges

Color temperature

Adjusts color components independently to achieve a warm or cool effect: Cool/Middle/Warm/User

- **Warm:** Increases red tint
- **Nature :** Increases natural tint
- **Cool :** Increases blue tint
- **User :** Allows the user to adjust red, green and blue color component levels independently.

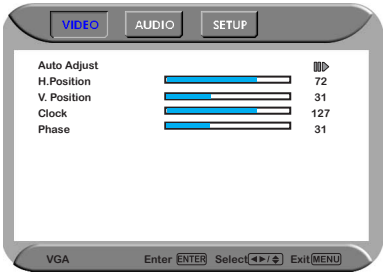


Noise Reduction

Select to reduce the noise level of connected equipment: Off/Low/ Strong /Medium.

VGA

Press the **OK** button to enter the VGA Setting:



- **Auto Adjust** Press the **OK** button to automatically adjust the display settings to optimize performance based on the VGA mode
- **H. Position** Adjusts the position of the picture left and right in the window
- **V. Position** Adjusts the position of the picture up and down in the window
- **Clock** Controls the width of the picture based on the VGA mode
- **Phase** Controls the signal phase, which can improve focus clarity and image stability based on the VGA mode

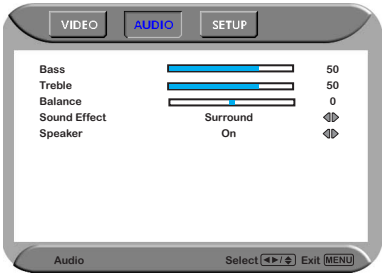
Customizing the AUDIO Settings

1. Press the ⏻ button to turn the LCD TV on.

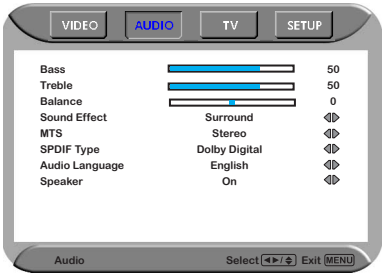
2. Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **AUDIO**.

3. Use the ▲▼ buttons to highlight an individual AUDIO option, use the ◄► buttons to change the setting, and press the **MENU to** exit the menu

   - If the signal source is VIDEO/S-VIDEO/YPbPr/ HDMI/VGA, the AUDIO MENU appears as:



   - If the signal source is TV, the AUDIO MENU appears as:



4. **The AUDIO menu includes the following options:**

Bass	Controls the relative intensity of lower-pitched sounds
Treble	Controls the relative intensity of higher pitched sounds
Balance	Adjusts the relative volume of the speakers in a multiple speaker system
Sound Effect	Allows selection of an audio-enhancement technique from among the following options: Surround/Live/Dance/Techno/Classic/Soft/Rock/ POP/Off
MTS	Allows you to listen to high-fidelity stereo sound while watching TV ▪ **Stereo**: Use separate audio tracks for left and right speakers, if available ▪ **SAP**: You can enjoy a second audio program from the speakers while watching a scene in the original program ▪ **Mono**: Allows mono output (useful when stereo is noisy or inconsistent)

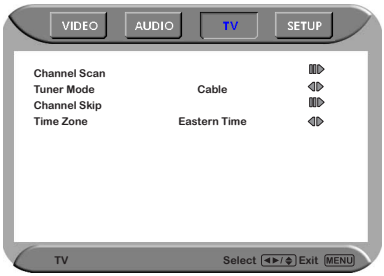
SPDIF Type	Allows to selection of the digital sound format: PCM/OFF/Dolby Digital ▪ **PCM**: The external audio system is connected to the AUDIO OUT of the LCD TV ▪ **Dolby Digital**: Select for surround sound (for stereo programs only) ▪ **OFF**: Select OFF to turn off the external audio system
Audio Language	Allows to select the audio language: English/Spanish/French.
Speaker	Allows to select to turn on or off the TV speakers.

Customizing the TV Settings

❶ Press the ⏻ button to turn the LCD TV on.

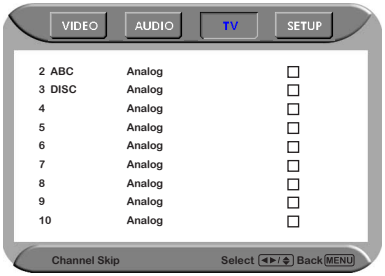
❷ Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **TV**.

❸ Use the ▲▼buttons to highlight an individual TV option, use the ◄► buttons changes the setting, and press the **MENU** exits the menu.



❹ **The TV menu includes the following options:**

Channel Scan	Press the **OK** button, the **Channel Scanning** automatically creates a list of receivable channels.
Tuner Mode	Allows selection between CATV cable and antenna signal sources: ▪ **AIR** Choose this setting if you are receiving TV channels with an antenna (over the air) ▪ **Cable** Choose this setting if you are receiving TV channels with a CATV (cable TV)
Channel Skip	Allows addition/removal of channels on the channel list. ❶ Press the **OK** button to display the Channel Skip menu:



	❷ Press the ▼ button to select the desired channel, andpress the **OK** button repeatedly to select **show (☑)** or **hide(□)**
Time Zone	Allows selection of regional TV systems of USA: Eastern Time/ Indiana/Central time/Mountain Time/Arizona/Pacific Time/Alaska/ Hawaii

Customizing the SETUP Settings

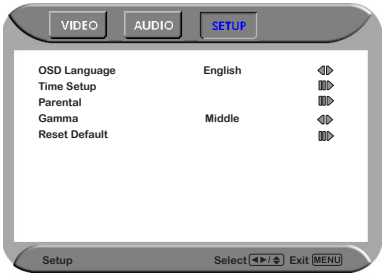
❶ Press the ⏻ button to turn the LCD TV on.

❷ Press the **MENU** button on the remote control to display the Main menu, and use the ◄► buttons to select the **SETUP**.

❸ Use the ▲▼ buttons to highlight an individual SETUP option, use the ◄► buttons to change the setting, and press the **MENU to** exit the menu.

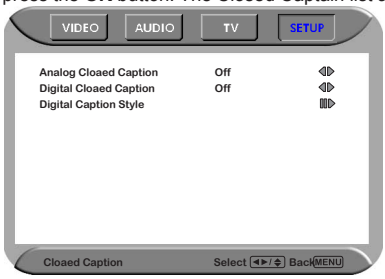
- If the signal source is TV/VIDEO/S-VIDEO/YPbPr, the SETUP MENU appears as:

- If the signal source is HDMI/VGA, the SETUP MENU appears as:



❹ **The SETUP menu includes the following options:**

OSD Language	Selects to display all on-screen menus in your language of choice: English/French/Spanish
Closed Caption	Allows to select from analog or digital closed caption modes and press the **OK** button. The Closed Captain list appears:



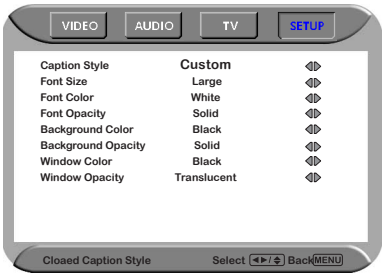
❶ **Analog Closed Caption**:
Press the ◄► buttons to select the basic analog closed caption options: OFF/CC1/CC2/CC3/CC4

- **CC1 /CC2 /CC3 /CC4:**
  Display a printed version of the dialog and sound effects of the program being viewed
- **T1/T2:**
  Display station information presented using either half or the whole screen
- **T3/T4:**
  Extended Data Services. For example: Network name, program name, program length, etc.

❷ **Digital Closed Caption**:
Press the ◄► buttons to select the digital closed caption options: Service1/Service2/Service3/Service4/Service5/Service6/OFF

Note: The setting here will be applied to each DTV channel

❸ **Caption Style:**
Press **OK** button to customize the settings for digital closed caption option:



Parental

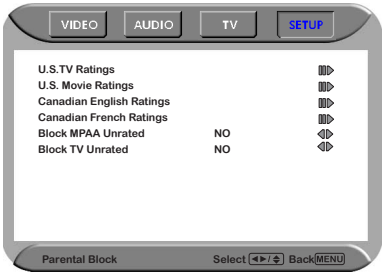
The Parental Control can be set up to the TV to block Channel, Video Source and to change password.

❶ Use the ▼ button to select the **Parental**, and press the **OK** to display the Parental menu

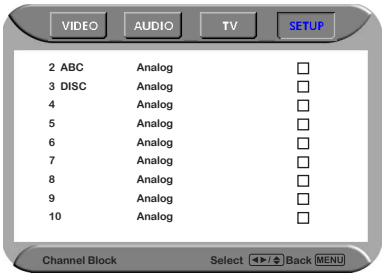
❷ Use the **Program Block** function, must enter a four-digit password. The factory password is 0000

❸ The Parental list appears:

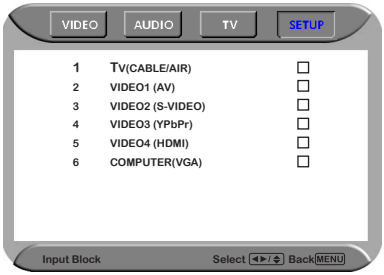
- **Program Block** Allows to setup the TV and MPAA Rating Lock options (refer to “Using the Program Block Setting”).



- **Channel Block** Allows to block digital channels.



- **Input Block** Selects to block a Input source signal



- **Change Password** Selects to change your password

Gamma Allows adjustment of the display's gamma correction, which fine tunes both brightness and red/green/blue ratios: On/Off/Middle.

Reset Default Press the **OK** button to restore factory settings

Using the Parental Control Settings

Your new TV lets you better manage your home's TV programming with V-Chip Parental Control technology.

Use the simple steps below to program your **RRT** settings:
SETUP YOUR TV

- Connect your TV using the supplied Quick Start Guide.

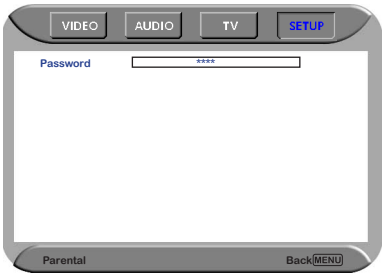
PERFORM CHANNEL SCAN

- Using your remote control, turn on your TV.
- Press the **MENU** button.
- Scroll over to select the **TV** menu.
- Select tuner mode (**AIR** or **CABLE**), depending on your input source.
- Scroll down to select **Channel Scan**.
- Press **OK**.
- Wait for Channel Scan to complete.
- Press **EXIT** when screen reads 100%.

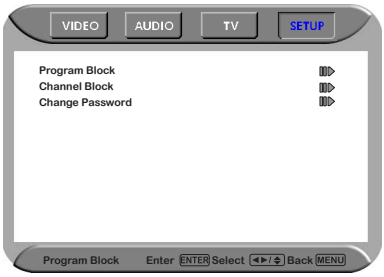
ENTER PARENTAL CONTROL RRT SETTING MENU

- Using your remote control, press the **MENU** button.
- Scroll over to select the **SETUP** menu.
- Scroll down to select **Parental**.
- Press **OK**.
- Enter the default password: **0000**.
- Scroll down to select **RRT SETTING** option.
- Press **OK** to display the**RRT SETTING** menu.
- When available, the **RRT SETTING** menu will let you view most up-to-date parental controls and choose your desired settings.

Parental Screen



RRT SETTING Screen

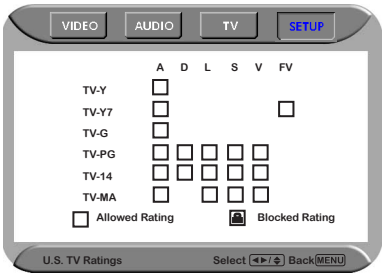


❺ **The Parental block menu includes the following options:**

U.S. TV Ratings	Selects to activate the TV Rating programs.
Canadian English Ratings	Selects to activate the English Rating programs of Canada.
Canadian French Ratings	Selects to activate the French Rating programs of Canada
U.S. Movie Ratings	Selects to activate the MPAA Rating programs
Block MPAA Unrated	▪ YES: Block all movies that are broadcast without a MPAA rating. ▪ NO: Allows all movies that are broadcast without a MPAA rating
Block TV None Rating	▪ YES: Block all movies that are broadcast without a TV rating. ▪ NO: Allows all movies that are broadcast without a TV rating.

U.S. TV Ratings

The **U.S.TV Rating** has 2 rating methods: Content-Based Rating and Age-Based Rating.
The **U.S.TV Rating** includes the following options:



AGE-BASED

RATING	DESCRIPTION
TV-Y	All children
TV-Y7	Directed to children age 7 and older
TV-G	General Audience
TV-PG	Parental Guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature Audience only

CONTENT-BASED

RATING	DESCRIPTION
FV	Fantasy violence
D	Suggestive dialogue
L	Strong language
S	Sexual situations
V	Violence
ALL	All contents are blocked

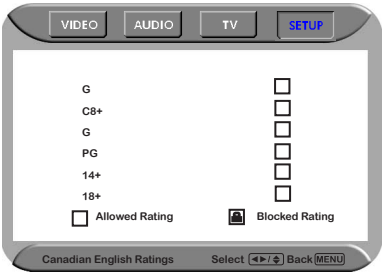
		CONTENT-BASED				
		FV	D	L	S	V
AGE-BASED	TV-Y					
	TV-Y7	✔				
	TV-G					
	TV-PG		✔	✔	✔	✔
	TV-14		✔	✔	✔	✔
	TV-MA			✔	✔	✔

✔ : To block programs by both content and age.

Use the ◄►▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK** 🔒 or **UNBLOCK** ☐ .

Canadian English Ratings

The Canadian Englsh Ratings includes the following options:

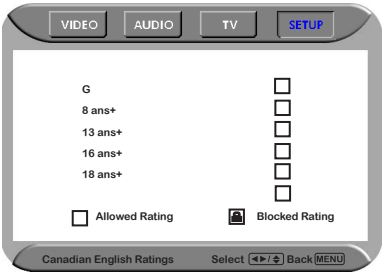


RATING	DESCRIPTION
G	All children
C8+	Children 8 years and older
G	General programming
PG	Parental guidance
14+	Viewers 14 and older
18-	Adult programming

Use the ◄►▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK** or **UNBLOCK**.

Canadian English Ratings

The Canadian Englsh Ratings includes the following options:

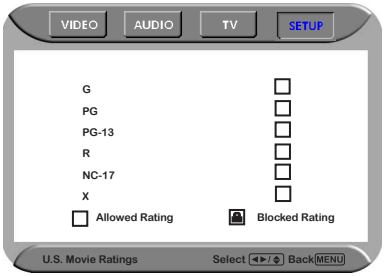


RATING	DESCRIPTION
G	General programming
8 ans+	Not recommended for ages under 8
13 ans+	Not recommended for ages under 13
16 ans+	Not recommended for ages under 16
18 ans+	Programming restricted to adults.

Use the ◄►▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK** or **UNBLOCK**.

U.S. Movie Ratings

The U.S. Movie Ratings is used for original movies rated by the Motion Picture Association of America(MPAA) as broadcasted on cable TV and not edited for television.
The U.S. Movie Ratings includes the following options:



RATING	DESCRIPTION
G	General Audiences. Movie is appropriate for all ages
PG	Parental Guidance Suggested. May contain material not suited for younger viewers
PG-13	Contains content that may not be appropriate for viewers under the age of 13
R	Restricted. Contains adult content, no one under 17 admitted without parent
NC-17	No one 17 and under admitted
X	No one 17 and under admitted

Use the ◄► ▲▼ buttons to select the rating you want and press the **OK** button repeatedly to select **BLOCK** ■ or **UNBLOCK** □.

SPECIFICATIONS

MODEL		FLW-1920B
LCD Panel	Panel Size	19” TFT LCD
	Brightness	300 Cd/m2
	Contrast Ratio	850:1
Max. Resolution		1440x900
Input Connector	VIDEO	1
	S-VIDEO	1
	YPbPr/ AUDIO IN(L/R)	1
	AUDIO IN(L/R)	1
	PC/VGA IN	1
	HDMI IN	1
	PC AUDIO IN	1
	COAXIAL	1
	HEADPHONE	1
	VHF/UHF IN	1
Power Source		AC100~240V, 50/60HZ, 1.2A
Power Consumption		58 W, standby < 3 W
Dimension		458.4 X 405.5 X 185.7 mm
WEIGHT		12.3 LB